

Anmar International Training Center launches such programs that relates to certain professions in order to test eligibility and ensure readiness to perform the required tasks, and to grant a locally and internationally approved certificates to qualified professionals, It is certified in the work of **Saudi Aramco** contractors

## Category: CWQAP

### Instrumentation Course

Reference Code: INST 001

#### Course Overview

This short training course provides systematic refresher training in order to pass the “Contractor Workforce Assessment Test” as provided in the **AITC** premises. In close relation to the test requirements, the course deals with the essential background on knowledge of Instrumentation being identified on “must know-level”. This short training course cannot provide foundations.

#### Who Should Attend?

This short training course is addressed to experienced “Instrumentation Technicians” who intend to participate in the “Contractor Workforce Assessment Test” or are in need of a refresher course before participating in the respective test. The course is not suitable to qualify newcomers and inexperienced persons in the Instrumentation discipline due to the limited time and the more theoretical nature of the contents. Participants should possess the required technical knowledge already.

#### Enabling Objectives:

The training provides a very quick review on a number of technical subjects, which could be part of the Contractor Assessment test.

Health and safety at the workplace  
Identification of hazards and precaution measures  
Lockout-Tagout procedures  
Terms, Symbols and P&ID Terminology

#### Kingdom of Saudi Arabia

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Al Waha district.

**P: +966133611134**

Unit number: 3 - Jubail: 35514 – 2302

**M: +966 505907654**

Identify Instrument loops  
Proper use of test equipment in the trade  
Identify instrument and control loop components, transducers  
Define Piston Actuator principles

Troubleshooting of Pneumatic Control Loops  
Thermocouple principles and troubleshooting  
Calibration of switches, sensors and electronic transmitters  
General troubleshooting and instrumentation repairing

### Durations:

CWQAP – Instrumentation Test 1 day  
CWQAP – Instrumentation Training 2 days

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